

think about it either a paper check or e.g. an email/notification that you got paid a certain amount by a certain person): Given this stack of invoices and checks, figure out who hasn't yet paid.

n = invoices

m = checks

split n and m 2 each time until you have individual checks and invoices. Compare the invoices to each other, put whichever is lower in value is first and the others behind it. Continue until the invoices and checks are organized. Go through the stack of invoices,

- (b) (3 points) In your small business, you have a list of products that you sell. In this list, each product has a name/description, a manufacturer, an SKU number, and the wholesaler you procure this product from (which may or may not be the same as the manufacturer). You have a list of the 30 wholesalers you purchase from. How many products do you purchase from each wholesaler?

Wholesaler amount

If wholesaler match whole sale

1 - leave wholesaler list the same

2 - do mergesort

nodegram, you arrange things in an array by #. each time value of item match value

- (c) (3 points) You have a stack of invoices to customers that you've collected over the past year. Figure out how many people made at least one purchase from you.

1) Mergesort by customer name

2) Create histogram based on customer name location

3) Go through histogram on count amount of entries w/ values over 1.

Find index sum

	A	B	C	D	E	F	Eggs	Tires	Tampers
Index	0	1	2	3	4	5	B	C	D

0(n)

A [value]